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Appendix to
Second Edition
Updated for 1984

Ratio Analysis in Higher Education

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Second Edition
Updated for 1984

Ratio Analysis in Higher Education

Preface to the Appendix

The first edition of *Ratio Analysis in Higher Education* was published by Peat, Marwick, Mitchell & Co. in October 1980. A second edition containing important additional ratios was published jointly by Peat Marwick and L. F. Rothschild, Unterberg, Towbin in 1982. In 1983 an updated Appendix was published containing 1982 comparative ratios which could be used for analytical purposes. We are please to present the comparative ratios for 1984 in the enclosed third update to the Appendix.

The self-assessment approach suggested by *Ratio Analysis in Higher Education* is increasingly being accepted by the management and governing boards of colleges and universities as an important indicator of institutional financial status. In fact, some institutions are including certain of these ratios in their annual public reports.

The approach is also being accepted by other constituencies. For example, accrediting bodies are performing ratio analysis as part of their accreditation review. In addition, bankers, investors, and creditors are increasingly using the ratios in determining debt capacity as part of a capital finance plan and to assess an institution's ability to repay debt.

Peat Marwick and L. F. Rothschild are particularly pleased with the acceptance of these ratios by the higher education community. In the future we expect to continue our research to refine and expand the use of ratio anaylsis in higher education.

Frederick J. Turk for
Peat, Marwick, Mitchell & Co.

Fredric J. Prager for
L. F. Rothschild, Unterberg, Towbin

June 1986

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Introduction

This appendix updates the appendix published with the second edition of *Ratio Analysis in Higher Education*. It contains tables and graphs depicting the actual values for the ratios described in the second edition, for groups of colleges and universities in the United States for the fiscal years 1980 through 1984. These tables and graphs were prepared by John Minter Associates, Inc., from a sample of over 360 institutions for which reliable financial data have been obtained.

The institutions represented in the sample have been grouped into the following categories:

Independent 2-year	All colleges
Independent 4-year	Operating size to $3.9 million
Independent 4-year	Operating size $4.0 to $15.9 million
Independent 4-year	Operating size $16.0 to $63.9 million
Independent 4-year	Operating size $64.0 million and over
Public 2-year	Operating size to $3.9 million
Public 2-year	Operating size $4.0 million and over
Public 4-year	Operating size to $15.9 million
Public 4-year	Operating size $16.0 to $63.9 million
Public 4-year	Operating size $64.0 million and over

Each category reflects three criteria, namely:
1. Form of control—independent or public
2. Level of program—2-year or 4-year
3. Operating size

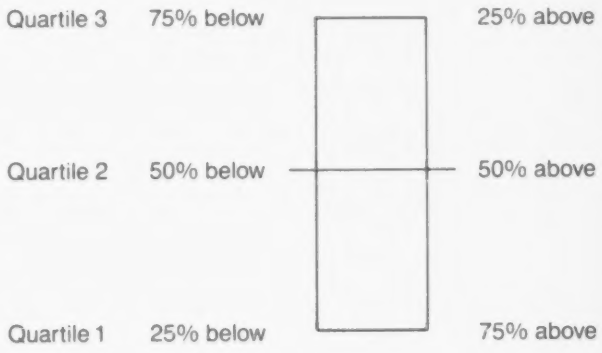
Operating size is based on total expenditures and mandatory transfers for educational and general purposes, exclusive of scholarships and fellowships. The actual amounts for the 1984 fiscal year were used to assign the selected institutions in the sample to their respective categories. Because the operating size of institutions changes each year, the groups formed based on fiscal 1984 cannot be compared with groups based on prior years.

The information below is given on the pages of data that follow:

- The institutional category is identified.
- The number (*N*) of institutions included in the computations for each category is indicated.
- The ratios being calculated and reported are identified by name and number (refer to text of the second edition for details).
- The fiscal years are shown.

The calculations for each group of institutions are reported by quartiles in the tables. Quartile bars are used to graphically portray the tabular material by year, for each ratio.

The quartile bar, illustrated here, shows the value of the dividing point between each 25% of the institutions in the group.



Group 1

Independent 2-year
All colleges

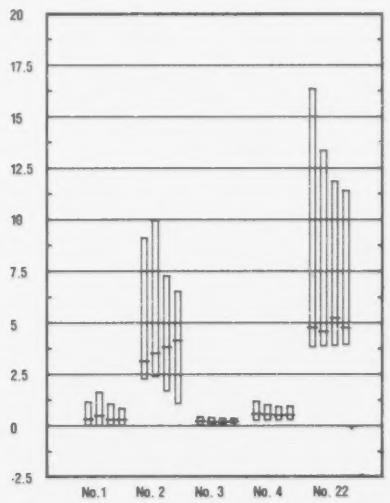
These tables are intended to provide a perspective on the financial condition of one's own institution as compared with other institutions in the same category. (Data for more precise or selective comparison groups can be obtained directly from Minter Associates.)

Ratios Nos. 1 through 25 have been calculated for each of the categories of independent institutions. Since many of the public institutions in the national sample are components of larger systems, they often do not prepare separate balance sheets. The balance sheet ratios for public institutions (Ratios Nos. 1 through 4), therefore, are not included. The net operating ratios (Nos. 5 through 7), contribution ratios (Nos. 8 through 13), demand ratios (Nos. 14 through 21), and Ratio No. 25 (ratio of opening fall FTE enrollment) are calculated for each of the public institution categories. Ratio No. 24 has been computed for all institutions except public 2-year with an operating size to $3.9 million, using freshman data only because information concerning transfer students was not available.

All of the tables and graphs in this appendix are reproduced by permission of John Minter Associates, Inc.

BALANCE SHEET RATIOS
N = 19

QUARTILES	1	MEDIAN	3
No. 1: Ratio of Expendable Fund Balances to Plant Debt			
1981	.00	.31	1.13
1982	.00	.47	1.62
1983	.00	.28	1.06
1984	.00	.28	.84
No. 2: Ratio of Plant Equity to Plant Debt			
1981	2.24	3.12	9.10
1982	2.38	3.50	9.96
1983	1.67	3.81	7.26
1984	1.05	4.12	6.52
No. 3: Ratio of Expendable Fund Balances to Total Expenditures & M.T.			
1981	.02	.22	.41
1982	.04	.18	.40
1983	.07	.18	.35
1984	.13	.19	.35
No. 4: Ratio of Nonexpendable Fund Balances to Total Expenditures & M.T.			
1981	.24	.56	1.17
1982	.27	.55	1.01
1983	.27	.50	.92
1984	.29	.52	.94
No. 22: Ratio of Available Assets to General Liabilities			
1981	3.81	4.75	16.33
1982	3.85	4.56	13.35
1983	3.87	5.21	11.86
1984	3.92	4.74	11.41



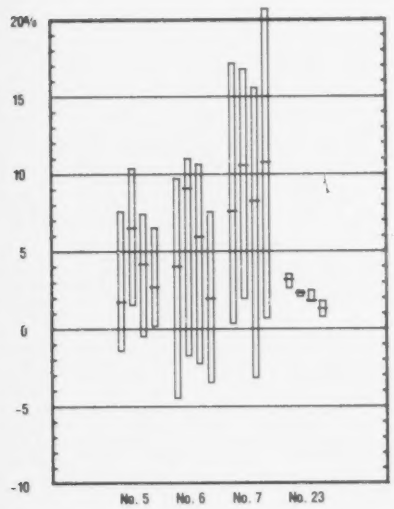
Group 1 (continued)

NET OPERATING RATIOS
N = 19

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	-1.5	1.7	7.6
1982	1.5	6.5	10.4
1983	-.5	4.2	7.4
1984	.1	2.7	6.5
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	-4.5	4.0	9.7
1982	-1.8	9.1	11.0
1983	-2.3	5.9	10.6
1984	-3.5	1.9	7.6
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	.3	7.6	17.1
1982	1.9	10.5	16.8
1983	-3.2	8.2	15.6
1984	.7	10.7	20.7

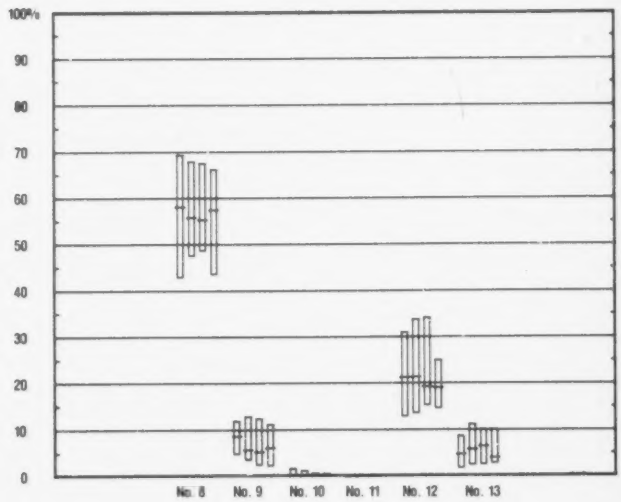
DEBT SERVICE RATIO
N = 5

No. 23: Debt Service as % of Total Unrestricted Current Fund Revenues			
1981	2.6	3.2	3.5
1982	2.0	2.3	2.4
1983	1.7	1.8	2.5
1984	.8	1.3	1.8



CONTRIBUTION RATIOS
N = 19

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	42.8	58.0	69.2
1982	47.4	55.7	67.9
1983	48.6	55.3	67.5
1984	43.5	57.3	66.2
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	4.8	8.6	11.8
1982	3.5	5.6	12.9
1983	2.4	5.1	12.4
1984	2.2	6.0	11.2
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	1.5
1982	.0	.0	1.2
1983	.0	.0	.6
1984	.0	.0	.5
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	12.4	21.2	30.9
1982	13.5	21.3	33.8
1983	15.3	19.2	34.1
1984	14.6	19.0	25.0
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	1.8	4.6	8.6
1982	2.4	5.7	11.2
1983	2.5	6.4	10.1
1984	2.8	5.9	10.0



DEMAND RATIOS
N = 19

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	24.9	29.2	32.0
1982	23.9	27.6	33.4
1983	24.6	30.0	33.0
1984	23.4	28.0	32.7

No. 15: Research as % of E & G Revenues

1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0

No. 16: Public Service as % of E & G Revenues

1981	.0	.0	2.3
1982	.0	.0	2.7
1983	.0	.0	2.9
1984	.0	.0	2.4

No. 17: Academic Support as % of E & G Revenues

1981	5.3	6.1	8.1
1982	4.9	5.6	7.3
1983	4.7	5.6	6.3
1984	4.9	5.4	7.4

No. 18: Student Services as % of E & G Revenues

1981	9.6	10.4	13.8
1982	9.4	10.8	13.7
1983	7.6	10.1	14.1
1984	8.6	10.5	15.1

No. 19: Institutional Support as % of E & G Revenues

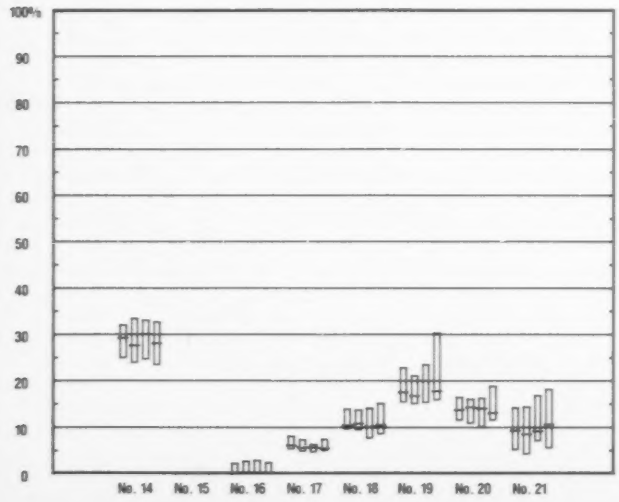
1981	15.4	17.5	22.8
1982	15.1	16.7	21.1
1983	15.3	19.0	23.5
1984	15.9	17.8	30.3

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	11.5	13.7	16.4
1982	10.9	14.3	16.1
1983	10.1	14.0	16.3
1984	11.5	13.0	18.8

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	5.1	9.2	14.2
1982	4.2	8.5	14.4
1983	7.1	9.2	16.9
1984	5.5	10.6	18.1



FRESHMAN ENROLLMENT
N = 6

QUARTILES	1	MEDIAN	3

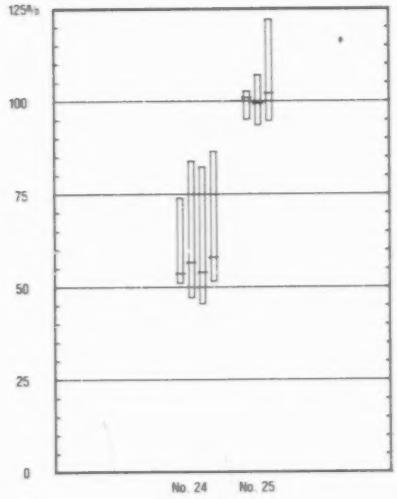
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	51.0	53.5	73.8
1981	47.1	56.4	83.9
1982	45.4	53.0	82.4
1983	51.4	57.9	86.6

FALL ENROLLMENT
N = 19

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	94.9	100.9	102.7
1982	93.4	99.4	107.0
1983	94.6	102.1	122.0

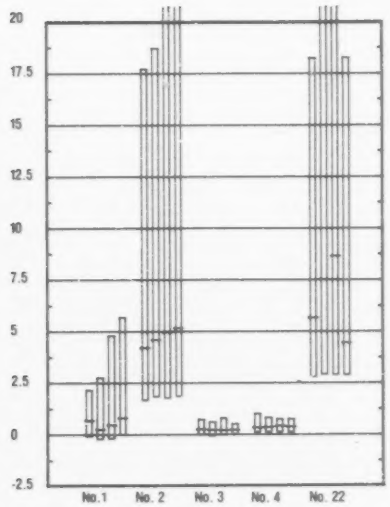


Group 2

Independent 4-year
Operating size to $3.9 million

BALANCE SHEET RATIOS
N = 27

QUARTILES	1	MEDIAN	3
No. 1: Ratio of Expendable Fund Balances to Plant Debt			
1981	-.10	.67	2.13
1982	-.24	.24	2.72
1983	-.21	.46	4.79
1984	-.02	.79	5.69
No. 2: Ratio of Plant Equity to Plant Debt			
1981	1.65	4.18	17.71
1982	1.82	4.57	18.71
1983	1.76	4.93	23.69
1984	1.84	5.16	21.20
No. 3: Ratio of Expendable Fund Balances to Total Expenditures & M.T.			
1981	-.04	.24	.70
1982	-.08	.22	.60
1983	-.02	.19	.79
1984	.00	.22	.51
No. 4: Ratio of Nonexpendable Fund Balances to Total Expenditures & M.T.			
1981	.12	.34	1.01
1982	.12	.35	.82
1983	.10	.41	.75
1984	.10	.37	.75
No. 22: Ratio of Available Assets to General Liabilities			
1981	2.78	5.65	18.23
1982	2.88	7.50	21.83
1983	2.86	8.62	21.51
1984	2.86	4.42	18.27

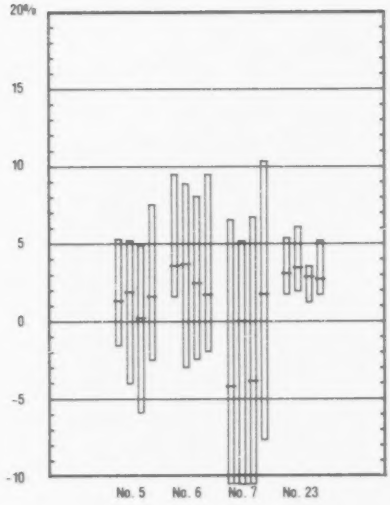


NET OPERATING RATIOS
N = 27

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	-1.6	1.7	5.3
1982	-4.1	1.0	5.2
1983	-5.0	.2	4.9
1984	-2.5	1.6	7.5
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	1.6	3.6	9.5
1982	-3.0	3.7	8.9
1983	-2.5	2.5	8.1
1984	-1.9	1.7	9.5
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-11.0	-4.2	6.5
1982	-13.6	.0	5.2
1983	-16.1	-3.9	6.7
1984	-7.7	1.7	10.3

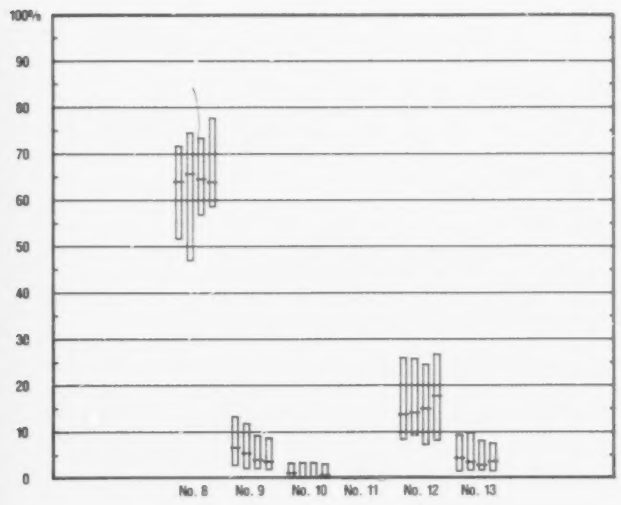
DEBT SERVICE RATIO
N = 12

No. 23: Debt Service as % of Total Unrestricted Current Fund Revenues			
1981	1.7	3.1	5.4
1982	1.9	3.5	6.1
1983	1.2	2.9	3.6
1984	1.7	3.7	5.2



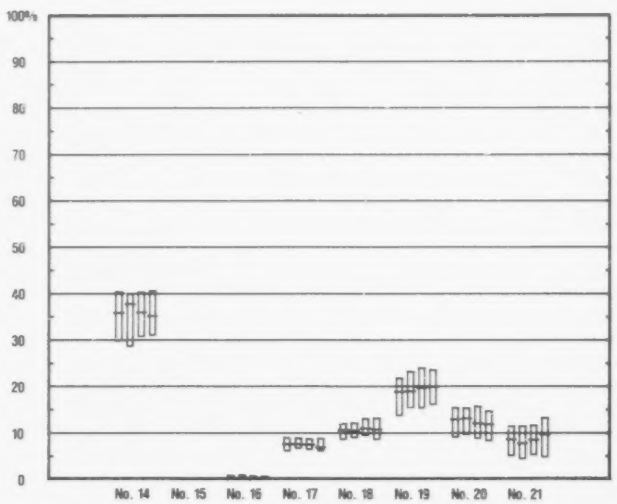
CONTRIBUTION RATIOS
N = 27

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	51.5	63.0	71.6
1982	46.9	65.6	74.5
1983	56.7	64.5	71.4
1984	58.5	63.8	77.6
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	7.6	6.6	13.2
1982	7.0	5.3	11.8
1983	7.0	3.9	9.2
1984	1.8	3.6	8.7
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	1.1	3.3
1982	.0	.0	3.4
1983	.0	.0	3.4
1984	.0	.7	3.1
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	8.3	13.7	25.9
1982	9.2	14.1	25.8
1983	7.2	15.0	24.5
1984	8.1	17.7	26.7
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	1.5	4.3	9.3
1982	1.6	3.5	9.8
1983	1.7	2.8	8.1
1984	1.5	3.5	7.6



DEMAND RATIOS
N = 27

QUARTILES	1	MEDIAN	3
No. 14: Instruction as % of E & G Revenues			
1981	29.8	35.8	40.3
1982	28.6	37.7	39.9
1983	30.7	35.9	40.3
1984	30.9	35.1	40.6
No. 15: Research as % of E & G Revenues			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 16: Public Service as % of E & G Revenues			
1981	.0	.0	.8
1982	.0	.0	.9
1983	.0	.0	.7
1984	.0	.0	.6
No. 17: Academic Support as % of E & G Revenues			
1981	6.1	7.6	9.0
1982	6.6	7.6	8.8
1983	6.4	7.4	8.7
1984	6.1	6.9	8.8
No. 18: Student Services as % of E & G Revenues			
1981	8.5	10.5	12.0
1982	9.0	10.4	12.1
1983	9.5	10.9	13.0
1984	8.6	10.7	13.1
No. 19: Institutional Support as % of E & G Revenues			
1981	13.7	18.8	21.7
1982	15.4	18.9	23.2
1983	15.3	19.7	23.9
1984	16.1	19.9	23.6
No. 20: Operation & Maintenance of Plant as % of E & G Revenues			
1981	9.0	12.8	17.3
1982	9.6	13.0	15.2
1983	8.8	12.0	15.7
1984	8.3	11.8	14.7
No. 21: Scholarships & Fellowships as % of E & G Revenues			
1981	5.1	8.6	11.5
1982	4.4	7.7	11.5
1983	5.2	8.4	11.7
1984	4.7	9.6	13.2



Group 2 (concluded)

FRESHMAN ENROLLMENT
N = 18

QUARTILES	1	MEDIAN	3

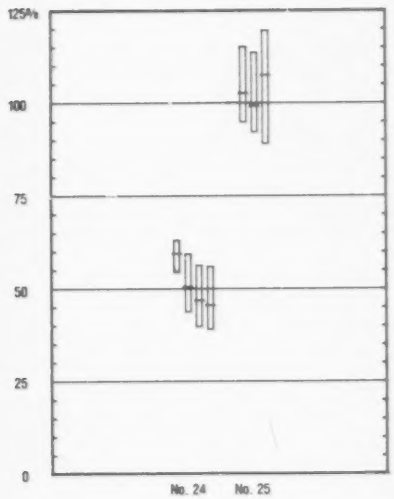
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	54.2	59.4	62.8
1981	43.7	50.4	59.2
1982	39.7	46.8	56.3
1983	38.9	45.5	55.9

FALL ENROLLMENT
N = 27

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	94.7	102.5	115.1
1982	92.0	99.1	113.5
1983	88.9	107.3	119.5



Group 3

Independent 4-year
Operating size $4.0 to $15.9 million

BALANCE SHEET RATIOS
N = 150

QUARTILES	1	MEDIAN	3

No. 1: Ratio of Expendable Fund Balances to Plant Debt

1981	.27	.66	1.64
1982	.35	.72	1.82
1983	.35	.85	1.95
1984	.42	.97	2.20

No. 2: Ratio of Plant Equity to Plant Debt

1981	2.31	4.00	6.76
1982	2.28	4.14	6.78
1983	2.37	4.12	7.31
1984	2.50	4.39	7.46

No. 3: Ratio of Expendable Fund Balances to Total Expenditures & M.T.

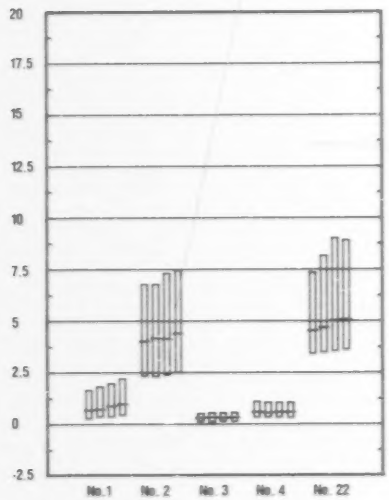
1981	.11	.30	.51
1982	.11	.32	.54
1983	.13	.31	.55
1984	.14	.32	.56

No. 4: Ratio of Nonexpendable Fund Balances to Total Expenditures & M.T.

1981	.33	.58	1.10
1982	.33	.55	1.04
1983	.32	.57	1.04
1984	.31	.58	1.05

No. 22: Ratio of Available Assets to General Liabilities

1981	3.40	4.54	7.34
1982	3.46	4.68	8.17
1983	3.54	5.02	9.07
1984	3.60	5.06	8.92

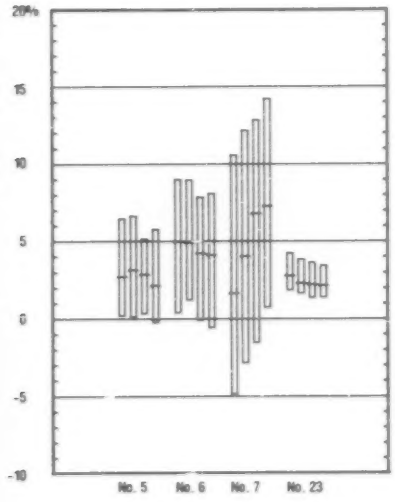


NET OPERATING RATIOS
N = 150

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	.1	2.7	6.4
1982	.1	3.1	6.6
1983	.3	2.8	5.1
1984	-.3	2.1	5.8
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	.4	4.9	9.0
1982	1.2	4.9	8.9
1983	-.1	4.2	7.8
1984	-.6	4.1	8.1
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-4.9	1.6	10.5
1982	-2.9	4.0	12.1
1983	-1.6	6.8	12.8
1984	.7	7.2	14.2

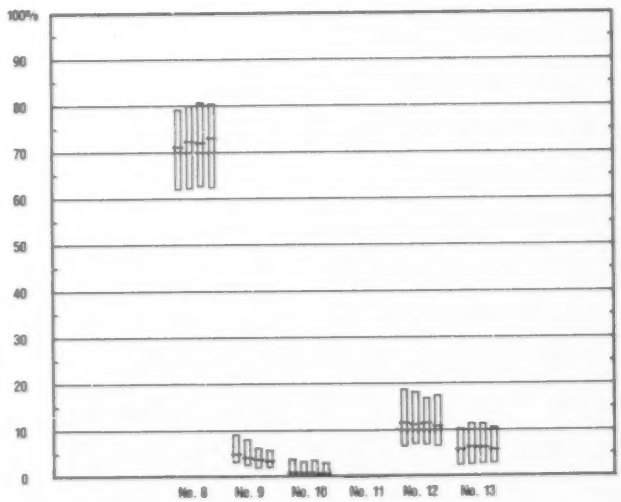
DEBT SERVICE RATIO
N = 84

No. 23: Debt Service as % of Total Unrestricted Current Fund Revenues			
1981	1.8	2.7	4.2
1982	1.6	2.2	3.8
1983	1.3	2.2	3.6
1984	1.3	2.1	3.4



CONTRIBUTION RATIOS
N = 150

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	61.9	71.1	79.1
1982	62.2	72.2	79.9
1983	62.6	72.0	80.7
1984	62.3	73.0	80.5
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	3.1	4.9	9.1
1982	2.5	4.2	8.1
1983	1.9	3.8	6.2
1984	2.0	3.4	5.7
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.9	3.9
1982	.0	.8	3.3
1983	.0	.8	3.5
1984	.0	.7	3.1
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	6.5	11.5	18.7
1982	7.0	11.1	18.1
1983	6.9	11.4	16.8
1984	6.5	10.8	17.4
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	2.4	5.7	10.2
1982	2.5	6.3	11.3
1983	2.7	6.2	11.3
1984	2.8	5.7	10.6



Group 3 (continued)

DEMAND RATIOS
N = 150

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	32.8	36.1	40.7
1982	32.6	36.2	40.1
1983	32.6	36.5	40.4
1984	32.5	36.0	39.7

No. 15: Research as % of E & G Revenues

1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0

No. 16: Public Service as % of E & G Revenues

1981	.0	.1	1.1
1982	.0	.0	1.1
1983	.0	.0	.9
1984	.0	.0	1.0

No. 17: Academic Support as % of E & G Revenues

1981	5.2	6.8	8.2
1982	5.3	6.6	8.1
1983	5.3	6.7	8.3
1984	5.1	6.8	8.5

No. 18: Student Services as % of E & G Revenues

1981	7.8	9.2	11.5
1982	7.9	9.3	11.1
1983	8.1	9.7	11.6
1984	8.1	9.6	11.4

No. 19: Institutional Support as % of E & G Revenues

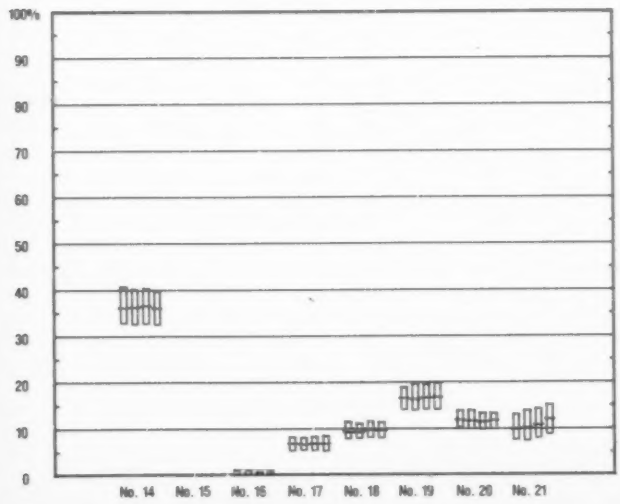
1981	14.1	16.5	18.9
1982	13.9	16.2	19.7
1983	14.0	16.7	19.6
1984	14.1	16.7	19.9

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	10.2	11.8	13.9
1982	9.9	11.6	13.9
1983	9.8	11.4	13.3
1984	9.9	11.7	13.3

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	7.6	9.8	13.0
1982	7.4	10.1	13.9
1983	7.9	10.8	14.3
1984	8.8	12.0	15.1



FRESHMAN ENROLLMENT
N = 122

QUARTILES	1	MEDIAN	3

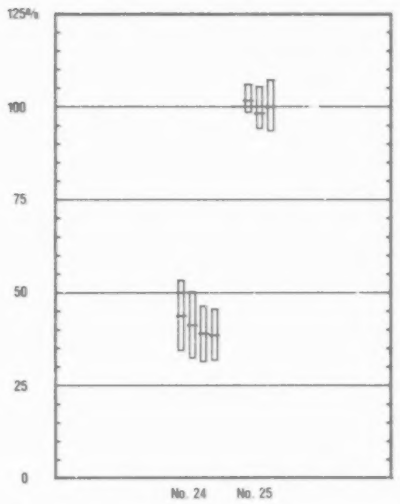
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	34.3	43.7	53.2
1981	32.3	41.2	50.3
1982	31.4	38.9	46.4
1983	31.6	38.5	45.6

FALL ENROLLMENT
N = 150

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	98.4	101.6	106.0
1982	94.0	98.2	105.4
1983	93.4	99.8	107.2



Group 4

Independent 4-year
Operating size $16.0 to $63.9 million

BALANCE SHEET RATIOS
N = 43

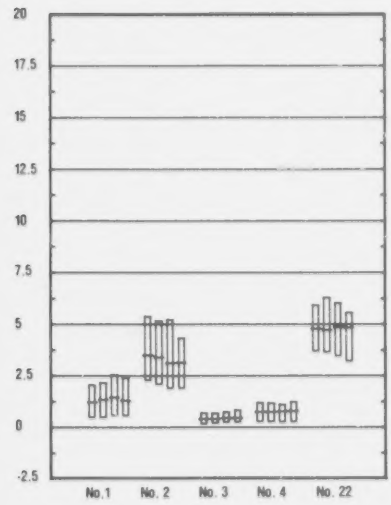
QUARTILES	1	MEDIAN	3
No. 1: Ratio of Expendable Fund Balances to Plant Debt			
1981	.48	1.21	2.04
1982	.47	1.32	2.16
1983	.50	1.43	2.55
1984	.56	1.29	2.41
No. 2: Ratio of Plant Equity to Plant Debt			
1981	2.26	3.49	5.37
1982	2.08	3.39	5.15
1983	1.88	3.09	5.21
1984	1.89	3.12	4.31
No. 3: Ratio of Expendable Fund Balances to Total Expenditures & M.T.			
1981	.16	.39	.66
1982	.20	.38	.48
1983	.23	.42	.73
1984	.24	.42	.81
No. 4: Ratio of Nonexpendable Fund Balances to Total Expenditures & M.T.			
1981	.26	.74	1.18
1982	.26	.74	1.16
1983	.23	.75	1.09
1984	.26	.76	1.23
No. 22: Ratio of Available Assets to General Liabilities			
1981	3.69	4.76	5.93
1982	3.64	4.70	6.28
1983	3.43	4.84	6.02
1984	3.19	4.82	5.56

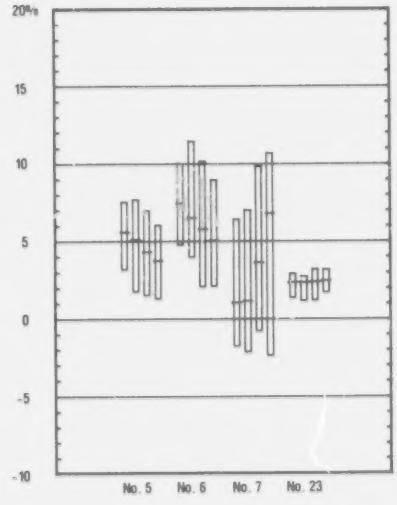
NET OPERATING RATIOS
N = 43

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	3.1	5.6	7.5
1982	1.8	5.1	7.7
1983	1.5	4.3	7.0
1984	1.3	3.7	6.0
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	4.8	7.4	10.0
1982	3.9	6.5	11.4
1983	3.0	5.8	10.2
1984	3.1	5.0	9.0
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-1.8	1.0	6.4
1982	-2.2	1.1	7.0
1983	-.8	3.6	9.9
1984	-2.4	6.8	10.7

DEBT SERVICE RATIO
N = 27

No. 23: Debt Service as % of Total Unrestricted Current Fund Revenues			
1981	1.3	2.3	2.9
1982	1.1	2.3	2.7
1983	1.2	2.4	3.2
1984	1.7	2.5	3.2

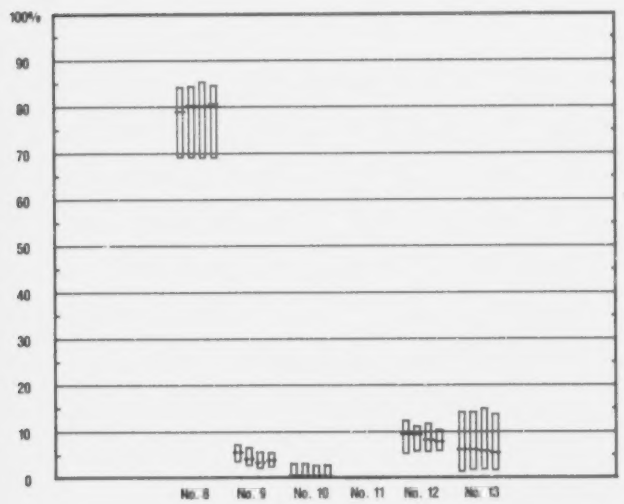




Group 4 (continued)

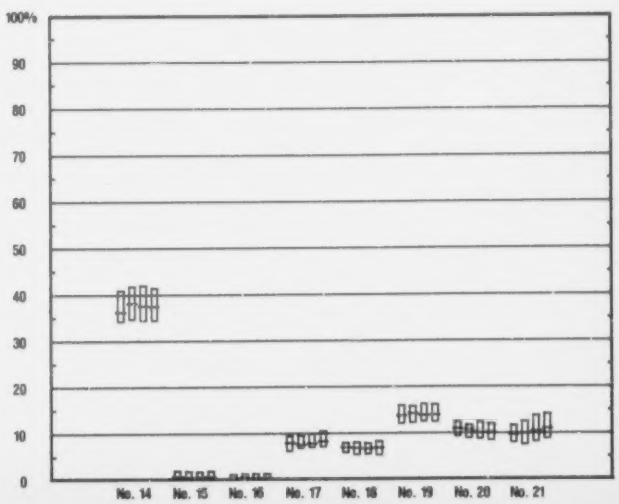
CONTRIBUTION RATIOS
N = 43

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	69.1	78.9	84.1
1982	69.1	80.2	86.4
1983	69.0	80.1	85.3
1984	68.9	80.6	84.5
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	3.5	5.5	7.2
1982	2.7	4.1	6.6
1983	2.1	3.4	5.7
1984	2.4	3.8	5.4
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	.1	.5	3.0
1982	.0	.5	3.0
1983	.0	.5	2.7
1984	.0	.4	2.8
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	5.3	9.4	12.4
1982	5.7	9.3	11.2
1983	5.6	8.2	11.7
1984	5.9	7.8	10.4
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	1.4	6.0	14.2
1982	1.8	6.1	14.1
1983	1.8	5.8	14.9
1984	1.6	5.4	13.7



DEMAND RATIOS
N = 43

QUARTILES	1	MEDIAN	3
No. 14: Instruction as % of E & G Revenues			
1981	34.2	36.2	40.8
1982	34.7	38.1	41.8
1983	34.3	37.6	42.0
1984	34.4	37.4	41.4
No. 15: Research as % of E & G Revenues			
1981	.0	.7	1.9
1982	.0	.5	1.8
1983	.0	.6	1.7
1984	.0	.7	1.9
No. 16: Public Service as % of E & G Revenues			
1981	.0	.2	1.2
1982	.0	.4	1.3
1983	.0	.3	1.3
1984	.0	.3	1.3
No. 17: Academic Support as % of E & G Revenues			
1981	6.1	7.0	9.4
1982	6.8	7.6	9.5
1983	6.9	7.7	9.9
1984	7.1	8.2	10.5
No. 18: Student Services as % of E & G Revenues			
1981	5.8	6.9	8.0
1982	5.3	6.8	8.0
1983	5.4	6.6	7.8
1984	5.2	6.8	8.3
No. 19: Institutional Support as % of E & G Revenues			
1981	12.0	13.7	16.0
1982	12.1	14.1	15.7
1983	12.5	13.8	16.3
1984	12.4	13.9	16.1
No. 20: Operation & Maintenance of Plant as % of E & G Revenues			
1981	9.3	10.9	12.5
1982	8.9	10.7	11.7
1983	8.7	10.0	12.4
1984	8.4	10.1	11.9
No. 21: Scholarships & Fellowships as % of E & G Revenues			
1981	7.9	9.7	11.6
1982	7.4	9.8	12.6
1983	8.1	10.3	13.8
1984	8.7	11.0	14.2



Group 5

Independent 4-year
Operating size $64.0 million and over

FRESHMAN ENROLLMENT
N = 40

QUARTILES	1	MEDIAN	3

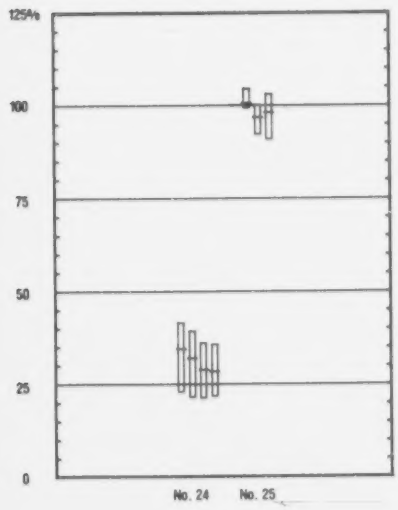
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	23.0	34.4	41.4
1981	21.5	31.9	39.3
1982	21.3	28.8	36.1
1983	21.8	28.3	35.7

FALL ENROLLMENT
N = 43

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	99.2	100.4	104.4
1982	92.1	96.7	100.1
1983	90.8	98.0	103.0



BALANCE SHEET RATIOS
N = 12

QUARTILES	1	MEDIAN	3

No. 1: Ratio of Expendable Fund Balances to Plant Debt

1981	.88	2.01	5.27
1982	1.09	1.58	4.53
1983	1.23	1.65	3.81
1984	1.29	1.97	4.51

No. 2: Ratio of Plant Equity to Plant Debt

1981	2.88	4.04	8.18
1982	2.16	3.25	6.41
1983	2.20	3.14	6.77
1984	1.68	3.76	7.74

No. 3: Ratio of Expendable Fund Balances to Total Expenditures & M.T.

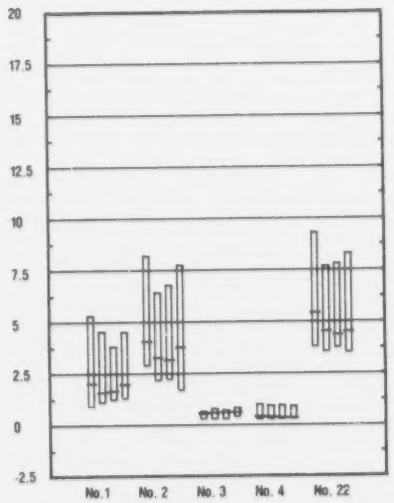
1981	.28	.54	.63
1982	.29	.58	.77
1983	.29	.61	.72
1984	.38	.60	.83

No. 4: Ratio of Nonexpendable Fund Balances to Total Expenditures & M.T.

1981	.26	.38	.99
1982	.26	.37	.93
1983	.28	.32	.94
1984	.28	.34	.91

No. 22: Ratio of Available Assets to General Liabilities

1981	3.76	5.41	9.30
1982	3.52	4.51	7.68
1983	3.71	4.34	7.81
1984	3.48	4.50	8.30



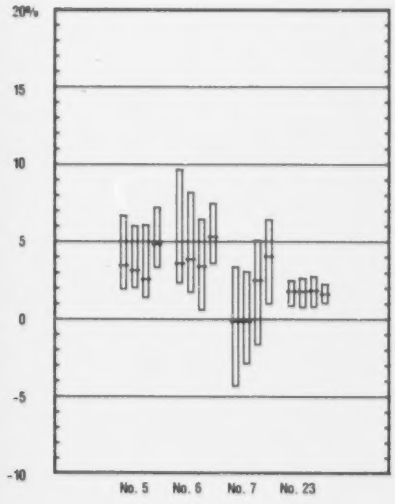
Group 5 (continued)

NET OPERATING RATIOS
N = 12

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	1.9	3.5	6.7
1982	2.0	3.1	6.0
1983	1.4	2.6	6.1
1984	3.3	4.8	7.2
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	2.3	3.6	9.7
1982	1.7	3.8	8.2
1983	.6	3.4	6.4
1984	3.6	5.3	7.5
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-4.4	-.2	3.3
1982	-2.9	-.2	3.0
1983	-1.7	2.5	5.1
1984	1.0	4.0	6.4

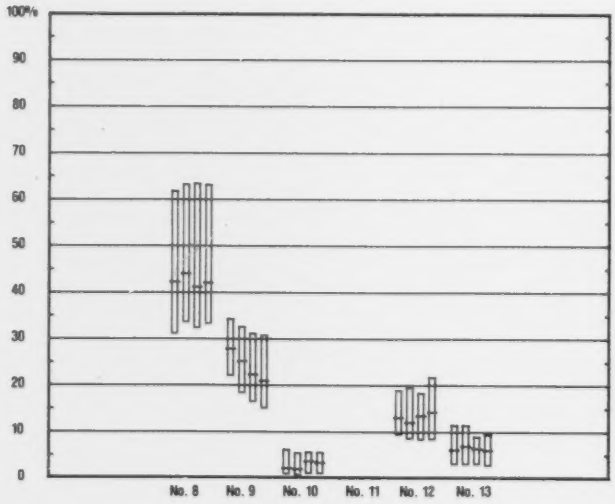
DEBT SERVICE RATIO
N = 9

No. 23: Debt Service as % of Total Unrestricted Current Fund Revenues			
1981	.8	1.8	2.4
1982	.8	1.8	2.6
1983	.8	1.8	2.7
1984	1.0	1.6	2.3



CONTRIBUTION RATIOS
N = 12

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	31.1	42.1	61.7
1982	33.5	44.0	63.3
1983	32.3	41.1	63.4
1984	33.2	42.0	63.1
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	22.1	27.8	34.3
1982	18.4	25.2	32.6
1983	16.5	22.2	31.2
1984	15.0	20.9	30.7
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	.9	2.1	6.1
1982	.7	1.9	5.5
1983	1.0	3.6	5.6
1984	1.0	3.3	5.5
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.1
1982	.0	.0	.1
1983	.0	.0	.1
1984	.0	.0	.1
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	9.4	13.0	18.9
1982	8.6	12.0	19.4
1983	8.4	13.4	18.3
1984	8.4	14.2	21.8
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	3.0	6.1	11.4
1982	3.1	6.9	11.4
1983	3.1	6.4	9.0
1984	2.8	6.0	9.4



DEMAND RATIOS
N = 12

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	33.3	35.3	41.4
1982	34.5	36.6	41.9
1983	34.7	38.9	43.2
1984	33.0	38.7	42.2

No. 15: Research as % of E & G Revenues

1981	13.3	22.4	25.2
1982	12.3	21.5	23.4
1983	11.3	19.5	20.9
1984	10.8	18.5	21.7

No. 16: Public Service as % of E & G Revenues

1981	.0	.1	1.3
1982	.0	.1	1.3
1983	.0	.1	1.3
1984	.0	.0	1.3

No. 17: Academic Support as % of E & G Revenues

1981	7.8	8.9	10.7
1982	7.8	8.6	10.8
1983	7.9	8.6	11.5
1984	7.4	8.6	11.2

No. 18: Student Services as % of E & G Revenues

1981	2.4	3.3	4.7
1982	2.3	3.4	4.7
1983	2.3	3.2	4.0
1984	1.9	3.2	4.1

No. 19: Institutional Support as % of E & G Revenues

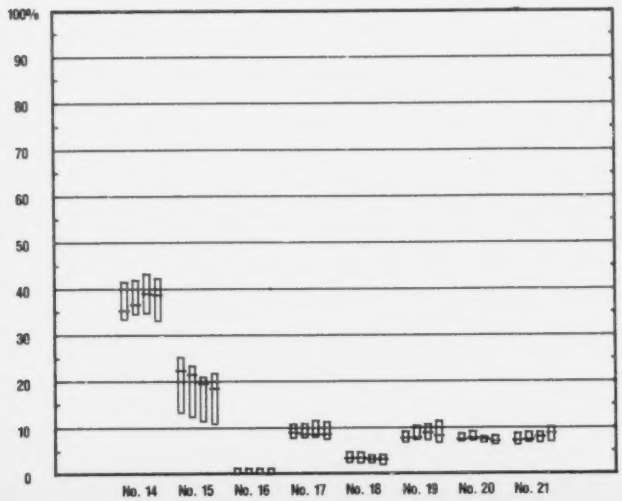
1981	6.8	7.7	9.1
1982	7.3	7.9	10.4
1983	7.2	8.8	10.7
1984	6.7	8.2	11.4

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	7.0	7.5	8.6
1982	7.2	7.8	9.2
1983	6.7	7.5	8.0
1984	6.3	7.1	8.2

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	6.2	7.2	8.7
1982	6.8	7.3	9.0
1983	6.7	8.0	9.0
1984	6.9	8.7	10.1



FRESHMAN ENROLLMENT
N = 11

QUARTILES	1	MEDIAN	3

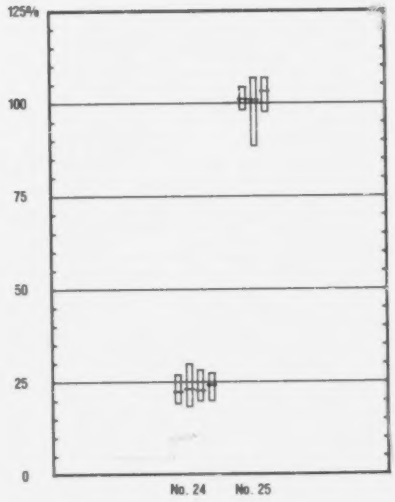
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	19.1	22.3	26.8
1981	18.3	23.1	30.0
1982	19.9	22.7	28.3
1983	19.8	24.1	27.4

FALL ENROLLMENT
N = 12

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	98.0	101.0	104.3
1982	88.4	100.7	106.8
1983	92.6	103.1	106.8

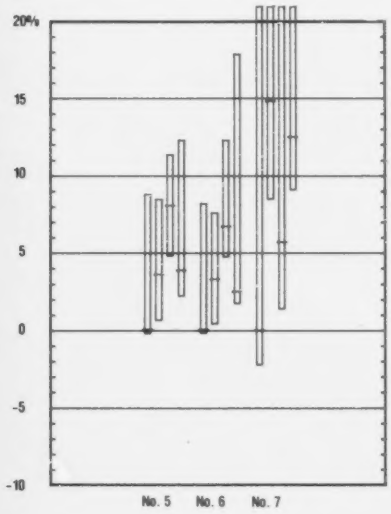


Group 6

Public 2-year
Operating size to $3.9 million

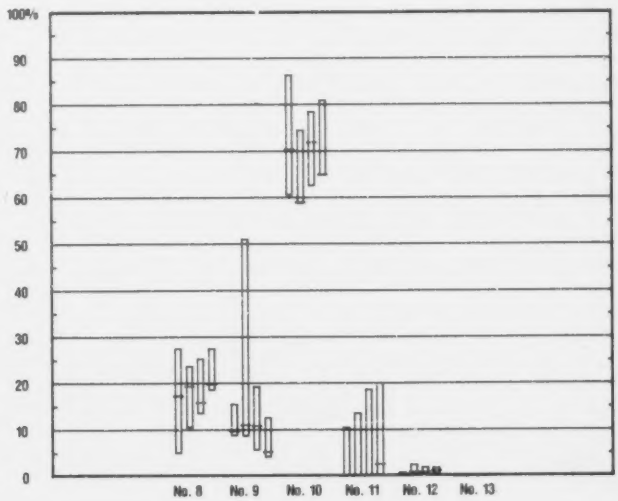
NET OPERATING RATIOS
N = 5

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	-.2	.1	8.8
1982	.7	3.6	8.5
1983	4.8	8.1	11.4
1984	2.2	3.9	12.3
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	-.2	.1	8.2
1982	.4	3.3	7.6
1983	4.8	6.7	12.3
1984	1.7	2.5	17.9
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-2.2	.0	94.6
1982	8.5	14.8	59.7
1983	1.4	5.7	65.5
1984	9.1	12.5	59.2



CONTRIBUTION RATIOS
N = 5

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	5.0	17.2	27.3
1982	10.4	19.3	23.6
1983	13.5	15.8	25.2
1984	18.6	19.8	27.5
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	8.8	9.7	15.4
1982	8.7	10.9	51.0
1983	5.6	10.7	19.3
1984	4.2	5.1	12.6
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	60.4	70.3	86.3
1982	58.7	58.9	74.4
1983	62.5	71.8	78.4
1984	64.8	64.8	80.9
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	10.4
1982	.0	.0	13.6
1983	.0	.0	18.7
1984	.0	2.5	20.1
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	.1	.3	.7
1982	.2	.8	2.4
1983	.1	.8	1.8
1984	.5	1.0	1.8
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.3



DEMAND RATIOS
N = 5

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	36.9	39.4	54.1
1982	40.1	45.2	53.8
1983	37.9	38.6	49.5
1984	40.8	43.2	50.1

No. 15: Research as % of E & G Revenues

1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0

No. 16: Public Service as % of E & G Revenues

1981	1.2	2.3	27.9
1982	1.2	1.4	7.1
1983	1.3	1.4	2.9
1984	1.3	1.4	2.4

No. 17: Academic Support as % of E & G Revenues

1981	6.5	9.0	11.2
1982	9.4	9.5	10.2
1983	9.3	10.7	12.3
1984	7.7	10.0	12.7

No. 18: Student Services as % of E & G Revenues

1981	7.5	8.9	12.7
1982	9.0	9.9	14.0
1983	7.9	9.2	12.1
1984	8.1	9.3	13.2

No. 19: Institutional Support as % of E & G Revenues

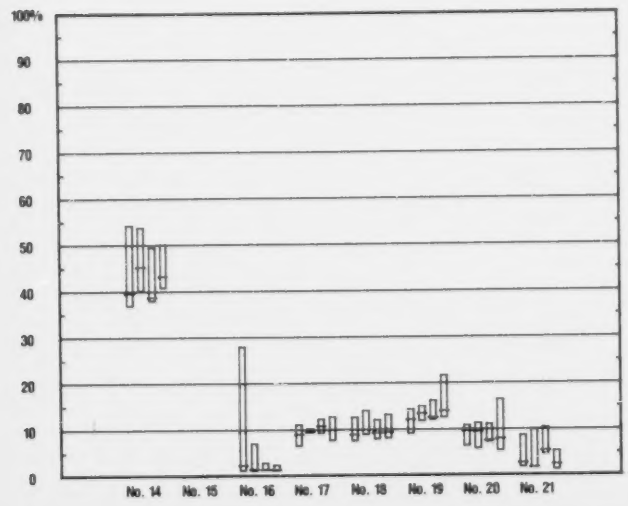
1981	9.2	12.1	14.4
1982	11.7	13.4	15.0
1983	12.1	12.6	16.3
1984	12.6	14.0	21.7

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	6.4	9.6	10.9
1982	5.9	9.5	11.3
1983	7.2	7.5	11.2
1984	5.4	7.9	16.5

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	1.8	2.7	8.7
1982	1.7	1.7	9.9
1983	4.6	5.4	10.4
1984	1.3	2.4	5.3



PRESHMAN ENROLLMENT
N = 1

QUARTILES	1	MEDIAN	3

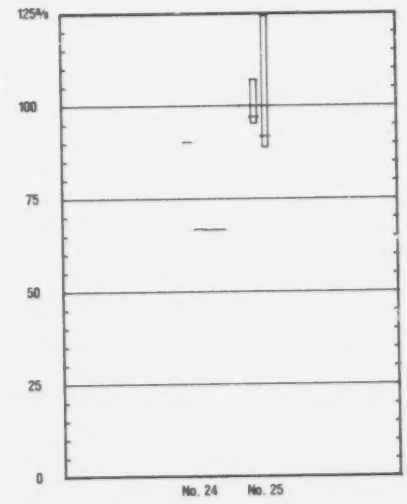
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	90.3
1981	66.8
1982	66.7
1983	66.7

FALL ENROLLMENT
N = 5

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	95.1	97.0	107.1
1982	88.7	91.8	124.2
1983	171.8	211.7	263.4

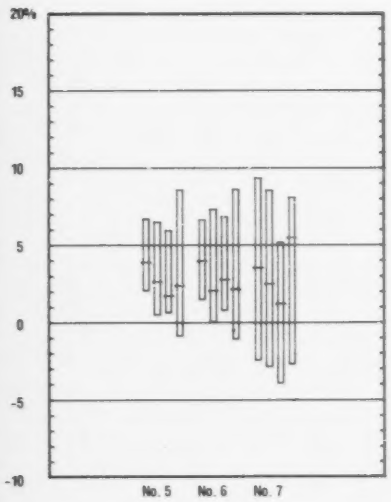


Group 7

Public 2-year
Operating size $4.0 million and over

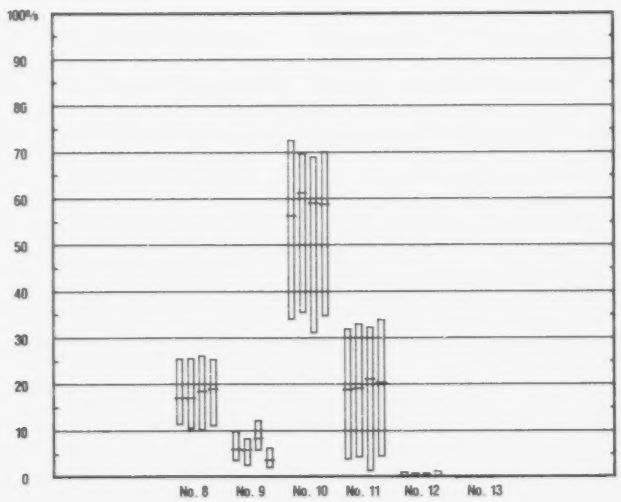
NET OPERATING RATIOS
N = 24

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	2.1	3.9	6.7
1982	.5	2.6	6.5
1983	.6	1.7	5.9
1984	-.9	2.3	8.6
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	1.5	3.9	6.6
1982	.0	2.0	7.3
1983	.8	2.8	6.8
1984	-1.1	2.1	8.6
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-2.4	3.5	9.3
1982	-2.9	2.5	8.5
1983	-3.9	1.2	5.2
1984	-2.7	5.5	8.1



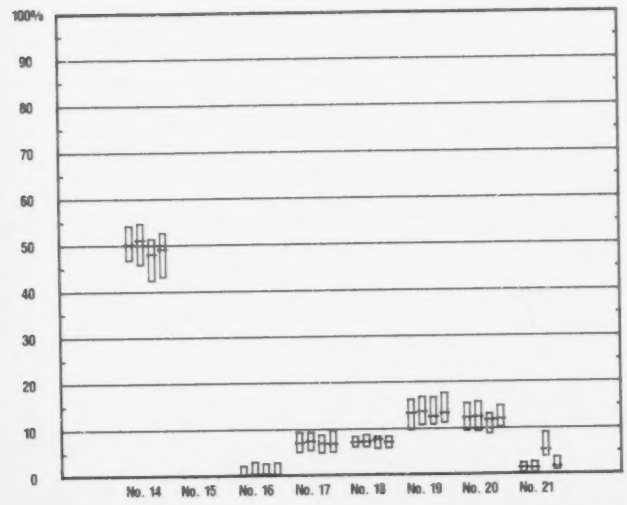
CONTRIBUTION RATIOS
N = 24

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	11.3	17.0	25.3
1982	10.5	17.0	25.6
1983	10.1	18.4	26.1
1984	11.0	19.0	25.3
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	3.6	5.9	9.8
1982	2.5	5.8	8.3
1983	5.8	8.3	12.2
1984	2.1	3.6	6.2
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	34.1	56.2	72.5
1982	35.4	61.2	69.7
1983	31.1	59.0	69.0
1984	34.7	58.7	70.0
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	3.8	18.9	31.8
1982	4.3	19.1	33.0
1983	1.4	21.1	32.3
1984	4.5	20.3	33.9
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	.0	.4	1.0
1982	.0	.2	.8
1983	.0	.2	.8
1984	.1	.3	1.2
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0



DEMAND RATIOS
N = 24

QUARTILES	1	MEDIAN	3
No. 14: Instruction as % of E & G Revenues			
1981	46.7	50.1	54.1
1982	45.8	51.1	54.6
1983	42.4	48.1	51.3
1984	43.1	49.1	52.7
No. 15: Research as % of E & G Revenues			
1981	.0	.0	.0
1982	.0	.0	.0
1983	.0	.0	.0
1984	.0	.0	.0
No. 16: Public Service as % of E & G Revenues			
1981	.0	.2	2.2
1982	.0	.4	3.1
1983	.0	.4	2.7
1984	.0	.3	2.9
No. 17: Academic Support as % of E & G Revenues			
1981	5.1	7.1	9.3
1982	5.4	7.5	9.3
1983	4.9	6.9	8.8
1984	5.1	6.8	9.7
No. 18: Student Services as % of E & G Revenues			
1981	6.1	7.1	8.3
1982	6.1	7.2	8.8
1983	5.7	7.7	8.4
1984	5.8	7.2	8.4
No. 19: Institutional Support as % of E & G Revenues			
1981	9.7	13.3	16.2
1982	10.7	13.6	16.8
1983	10.8	12.6	16.7
1984	11.3	13.3	17.7
No. 20: Operation & Maintenance of Plant as % of E & G Revenues			
1981	9.5	12.3	15.4
1982	9.4	12.4	15.7
1983	8.8	11.8	13.2
1984	10.2	12.0	14.8
No. 21: Scholarships & Fellowships as % of E & G Revenues			
1981	.4	1.4	2.4
1982	.3	1.4	2.7
1983	3.8	5.3	9.0
1984	1.0	1.7	3.6

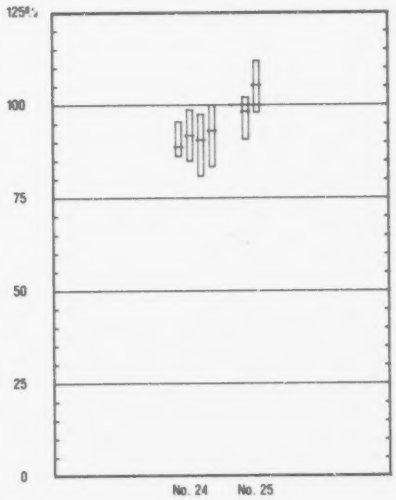


FRESHMAN ENROLLMENT
N = 4

QUARTILES	1	MEDIAN	3
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications			
1980	86.2	88.6	95.5
1981	84.8	91.7	98.7
1982	80.9	90.5	97.5
1983	83.4	93.0	100.0

FALL ENROLLMENT
N = 24

No. 25: Ratio of Opening Fall FTE Enrollment			
1980	100.0	100.0	100.0
1981	90.6	98.2	102.0
1982	97.9	105.2	111.9
1983	177.8	229.3	260.1

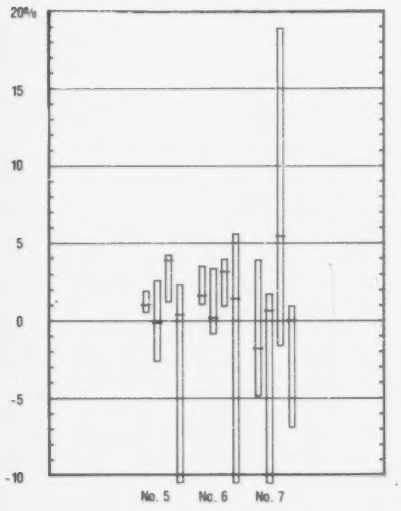


Group 8

Public 4-year
Operating size to $15.9 million

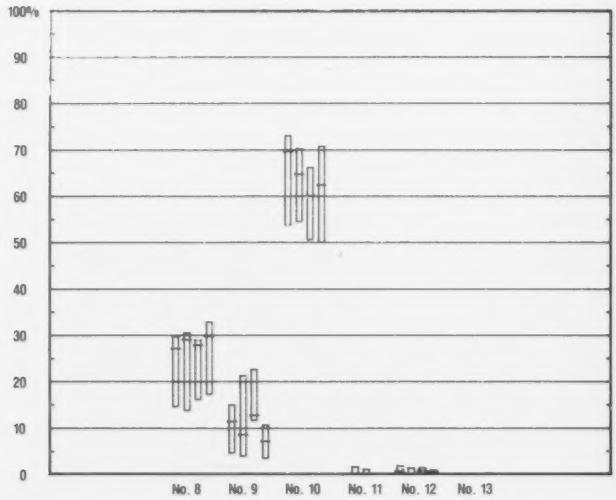
NET OPERATING RATIOS
N = 7

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	.5	1.0	1.9
1982	-2.6	-.2	2.6
1983	1.2	3.9	4.3
1984	-12.5	.4	2.3
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	1.0	1.6	3.5
1982	-.9	.2	3.4
1983	.9	3.1	3.9
1984	-16.4	1.4	5.6
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-4.9	-1.8	3.9
1982	-12.7	.6	1.7
1983	-1.6	5.4	18.9
1984	-6.9	.0	.9



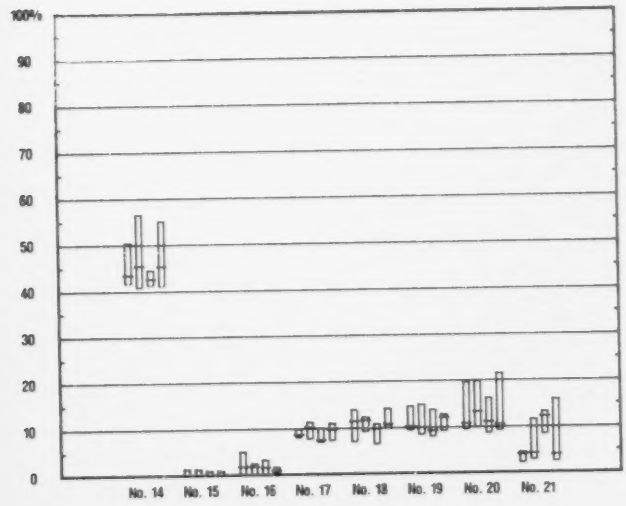
CONTRIBUTION RATIOS
N = 7

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	14.6	27.1	29.6
1982	13.7	29.0	30.5
1983	16.1	27.9	29.0
1984	17.2	29.7	32.9
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	4.6	11.4	15.0
1982	3.9	8.6	21.3
1983	11.6	12.7	22.7
1984	3.4	7.1	10.6
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	53.7	69.6	73.0
1982	54.4	64.7	70.2
1983	50.6	60.0	66.2
1984	50.0	62.4	70.7
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.2
1982	.0	.2	1.6
1983	.0	.0	1.0
1984	.0	.0	.3
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	.0	.7	1.8
1982	.0	.0	1.4
1983	.0	.7	1.5
1984	.0	.5	1.0
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	.0	.0	.1
1982	.0	.0	.1
1983	.0	.0	.1
1984	.0	.0	.3



DEMAND RATIOS
N = 7

QUARTILES	1	MEDIAN	3
No. 14: Instruction as % of E & G Revenues			
1981	41.6	43.4	50.3
1982	40.7	45.4	56.5
1983	41.2	42.5	44.5
1984	41.0	45.3	55.0
No. 15: Research as % of E & G Revenues			
1981	.0	.2	1.3
1982	.0	.3	1.4
1983	.0	.1	1.0
1984	.0	.1	1.0
No. 16: Public Service as % of E & G Revenues			
1981	.1	1.8	5.0
1982	.2	1.8	2.5
1983	.2	1.6	3.3
1984	.5	1.0	1.7
No. 17: Academic Support as % of E & G Revenues			
1981	8.1	8.7	9.9
1982	7.7	10.3	11.3
1983	7.1	7.4	10.0
1984	7.4	9.7	11.0
No. 18: Student Services as % of E & G Revenues			
1981	7.1	11.4	13.8
1982	9.2	11.6	12.3
1983	6.5	9.8	10.7
1984	10.1	10.8	14.1
No. 19: Institutional Support as % of E & G Revenues			
1981	9.4	10.2	14.6
1982	8.5	10.0	15.0
1983	8.0	9.2	13.8
1984	9.2	12.1	12.7
No. 20: Operation & Maintenance of Plant as % of E & G Revenues			
1981	9.5	10.6	19.7
1982	9.9	13.2	19.8
1983	8.7	11.1	16.1
1984	9.3	10.5	21.5
No. 21: Scholarships & Fellowships as % of E & G Revenues			
1981	2.3	4.1	4.4
1982	2.8	4.2	11.5
1983	8.4	12.2	13.3
1984	2.5	3.9	15.9

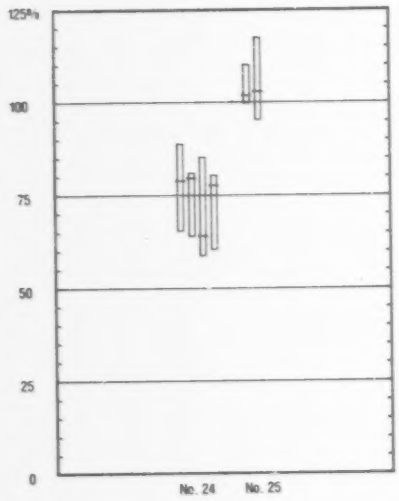


FRESHMAN ENROLLMENT
N = 5

QUARTILES	1	MEDIAN	3
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications			
1980	65.2	78.8	88.6
1981	63.8	79.5	80.9
1982	58.6	64.0	85.2
1983	60.3	77.6	80.4

FALL ENROLLMENT
N = 7

No. 25: Ratio of Opening Fall FTE Enrollment			
1980	100.0	100.0	100.0
1981	99.5	101.7	110.0
1982	95.2	102.8	117.3
1983	129.7	154.4	158.0

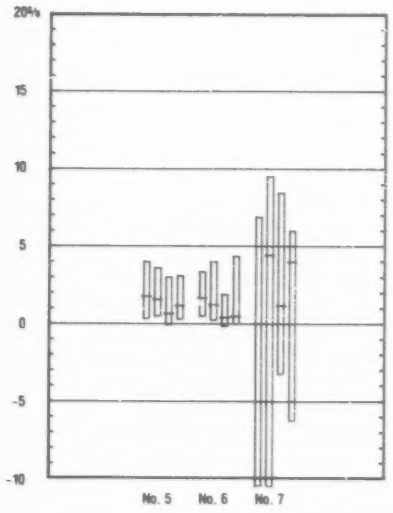


Group 9

Public 4-year
Operating size $16.0 to $63.9 million

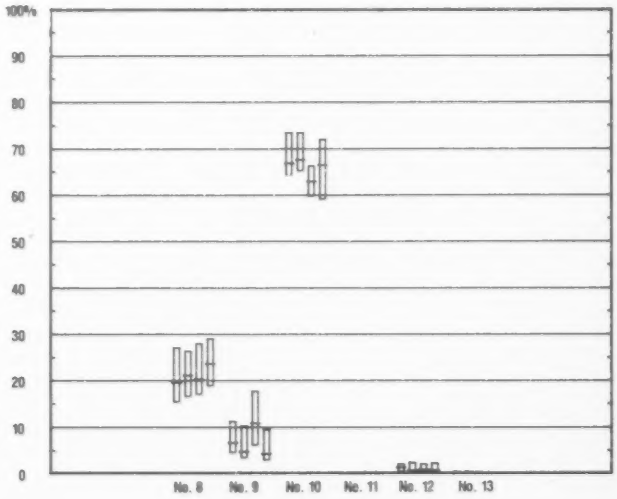
NET OPERATING RATIOS
N = 19

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	.3	1.7	3.9
1982	.4	1.5	3.6
1983	-.1	.6	3.0
1984	.3	1.1	3.1
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	.5	1.6	3.3
1982	.2	1.2	4.0
1983	-.2	.4	1.9
1984	.0	.4	4.3
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-11.2	.0	6.9
1982	-11.5	4.4	9.5
1983	-3.3	1.1	8.4
1984	-6.3	4.0	6.0



CONTRIBUTION RATIOS
N = 19

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	15.4	19.6	27.0
1982	16.6	21.1	26.3
1983	17.0	20.3	27.9
1984	18.8	23.6	28.9
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	4.5	6.6	11.1
1982	3.4	4.7	10.3
1983	6.1	10.8	17.7
1984	2.9	4.2	9.5
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	64.3	66.7	73.4
1982	65.1	67.5	73.4
1983	59.8	62.9	66.2
1984	59.1	66.3	72.0
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.0	.2
1982	.0	.0	.2
1983	.0	.0	.3
1984	.0	.0	.3
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	.4	1.2	2.0
1982	.1	.6	2.3
1983	.3	.8	2.0
1984	.0	.7	2.2
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	.0	.0	.4
1982	.0	.0	.4
1983	.0	.0	.3
1984	.0	.0	.2



DEMAND RATIOS
N = 19

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	40.7	45.6	51.9
1982	40.8	46.3	51.3
1983	38.9	44.7	49.7
1984	40.6	47.1	50.0

No. 15: Research as % of E & G Revenues

1981	.8	1.6	4.2
1982	.7	.9	2.4
1983	.3	.9	1.9
1984	.3	1.1	2.3

No. 16: Public Service as % of E & G Revenues

1981	.9	1.8	3.7
1982	.6	2.3	3.5
1983	.5	1.7	4.2
1984	.5	1.5	4.4

No. 17: Academic Support as % of E & G Revenues

1981	8.0	9.0	10.9
1982	8.3	9.2	11.5
1983	7.1	8.8	11.0
1984	8.2	9.3	11.4

No. 18: Student Services as % of E & G Revenues

1981	4.5	5.1	7.9
1982	4.7	5.6	7.4
1983	4.4	5.4	8.4
1984	4.8	5.7	9.4

No. 19: Institutional Support as % of E & G Revenues

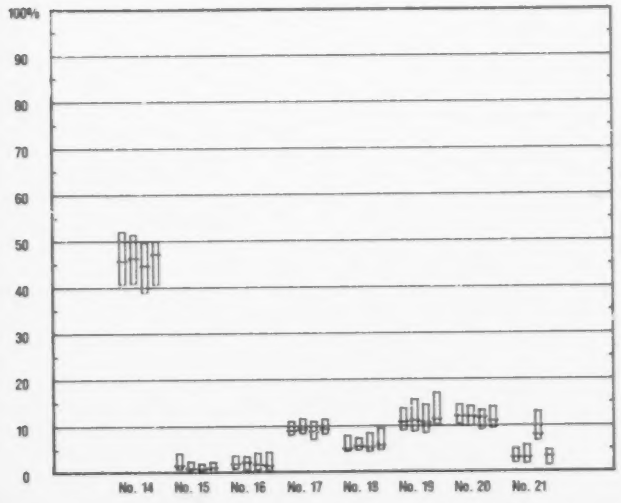
1981	8.9	10.7	13.7
1982	8.8	11.0	15.6
1983	8.4	10.6	14.5
1984	10.2	11.3	17.0

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	10.3	12.0	14.4
1982	9.9	11.9	14.0
1983	9.1	11.7	13.2
1984	9.4	10.9	14.0

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	1.9	3.1	5.0
1982	1.7	3.1	5.7
1983	6.7	7.9	12.9
1984	1.4	3.4	4.6



FRESHMAN ENROLLMENT
N = 13

QUARTILES	1	MEDIAN	3

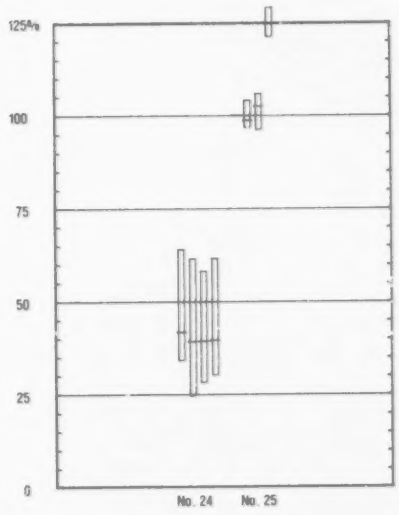
No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	34.1	41.7	63.9
1981	24.6	39.2	61.5
1982	28.2	39.3	58.2
1983	30.1	39.5	61.7

FALL ENROLLMENT
N = 19

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	96.7	98.6	104.1
1982	96.1	102.4	105.9
1983	121.1	136.3	154.9

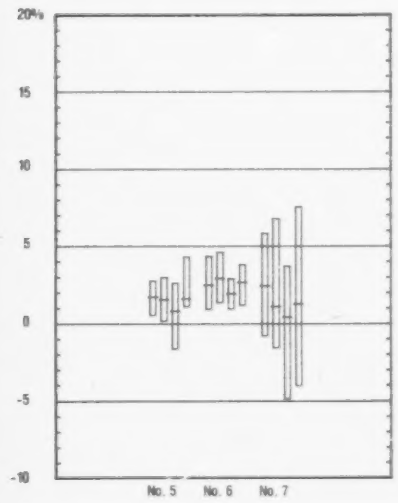


Group 10

Public 4-year
Operating size $64.0 million and over

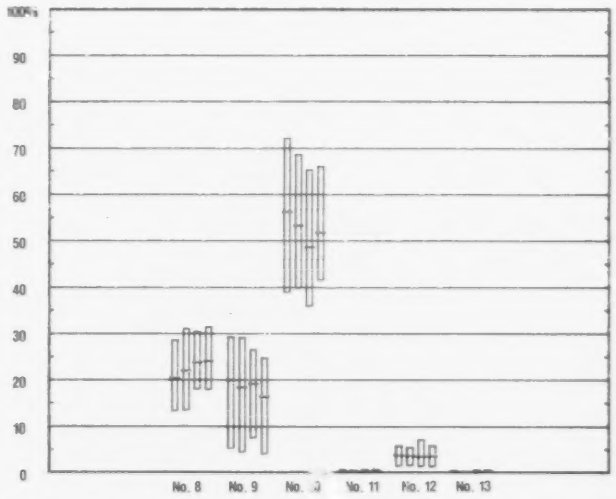
NET OPERATING RATIOS
N = 12

QUARTILES	1	MEDIAN	3
No. 5: Net Total Revenues as % of Total Revenues			
1981	.5	1.7	2.7
1982	.1	1.5	3.0
1983	-1.7	.8	2.6
1984	1.1	1.6	4.3
No. 6: Net E & G Revenues as % of Total E & G Revenues			
1981	.9	2.5	4.4
1982	1.3	2.9	4.6
1983	.9	1.9	2.9
1984	1.2	2.6	3.8
No. 7: Net Auxiliary Enterprise Revenues as % of Total Auxiliary Enterprise Revenues			
1981	-.8	2.4	5.8
1982	-1.6	1.1	6.8
1983	-4.9	.4	3.7
1984	-4.1	1.3	7.6



CONTRIBUTION RATIOS
N = 12

QUARTILES	1	MEDIAN	3
No. 8: Tuition and Fees as % of E & G Expenditures & M.T.			
1981	13.2	20.4	28.5
1982	13.4	22.0	31.0
1983	18.0	23.7	30.4
1984	17.8	24.0	31.5
No. 9: Federal Government Revenues as % of E & G Expenditures & M.T.			
1981	5.2	19.9	29.3
1982	4.4	18.3	29.1
1983	7.5	19.1	26.5
1984	4.1	16.4	24.7
No. 10: State Government Revenues as % of E & G Expenditures & M.T.			
1981	38.8	56.1	72.0
1982	39.7	53.2	68.6
1983	35.8	48.6	65.2
1984	41.4	51.6	66.0
No. 11: Local Government Revenues as % of E & G Expenditures & M.T.			
1981	.0	.1	.6
1982	.1	.3	.5
1983	.1	.2	.7
1984	.1	.3	.7
No. 12: Private Gifts, Grants, and Contracts as % of E & G Expenditures & M.T.			
1981	1.4	3.7	5.8
1982	1.5	3.6	5.5
1983	1.4	3.5	7.1
1984	1.4	3.5	5.8
No. 13: Endowment Income as % of E & G Expenditures & M.T.			
1981	.1	.2	.5
1982	.0	.1	.3
1983	.1	.2	.6
1984	.1	.3	.6



DEMAND RATIOS
N = 12

QUARTILES	1	MEDIAN	3

No. 14: Instruction as % of E & G Revenues

1981	34.8	41.9	47.6
1982	35.5	41.9	47.5
1983	34.8	41.6	46.3
1984	36.0	44.8	49.0

No. 15: Research as % of E & G Revenues

1981	1.7	10.8	23.3
1982	1.4	10.8	21.0
1983	1.4	11.4	20.5
1984	1.6	13.8	20.9

No. 16: Public Service as % of E & G Revenues

1981	1.6	2.2	5.0
1982	1.8	1.9	4.5
1983	1.3	2.0	4.2
1984	1.2	2.1	3.9

No. 17: Academic Support as % of E & G Revenues

1981	8.8	10.0	11.0
1982	9.2	10.5	11.2
1983	9.0	10.3	11.1
1984	8.6	10.6	10.9

No. 18: Student Services as % of E & G Revenues

1981	2.6	4.5	5.8
1982	1.9	4.7	5.6
1983	1.9	5.2	6.4
1984	2.3	5.1	6.9

No. 19: Institutional Support as % of E & G Revenues

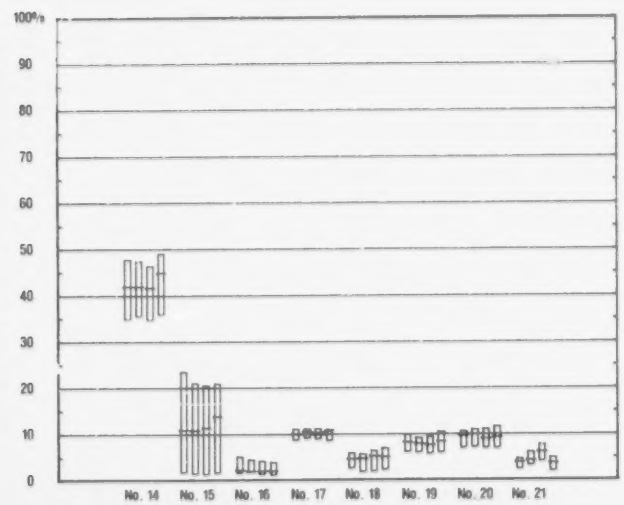
1981	6.1	8.2	9.8
1982	6.0	7.9	9.2
1983	5.7	7.6	9.4
1984	6.0	8.4	10.5

No. 20: Operation & Maintenance of Plant as % of E & G Revenues

1981	7.0	9.6	10.6
1982	7.1	9.9	10.9
1983	6.9	8.9	11.1
1984	7.0	9.2	11.6

No. 21: Scholarships & Fellowships as % of E & G Revenues

1981	2.4	4.0	4.6
1982	3.2	4.3	6.1
1983	4.1	6.1	7.7
1984	2.0	3.8	4.9



FRESHMAN ENROLLMENT
N = 10

QUARTILES	1	MEDIAN	3

No. 24: Ratio of Freshman Matriculants to Completed Freshman Applications

1980	39.4	41.3	55.6
1981	35.1	39.9	62.4
1982	33.8	42.6	53.4
1983	38.2	42.2	47.3

FALL ENROLLMENT
N = 12

No. 25: Ratio of Opening Fall FTE Enrollment

1980	100.0	100.0	100.0
1981	94.5	99.4	101.6
1982	94.1	98.4	101.1
1983	112.2	119.8	130.2